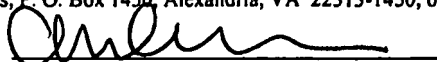


PATENT  
Docket No. 529452000122

**CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on September 17 2004.

  
Christine Donahue

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the application of:

David W. MORRIS et al.

Serial No.: 10/087,192

Filing Date: March 1, 2002

For: NOVEL COMPOSITIONS AND  
METHODS FOR CANCER

Examiner: Not Yet Assigned

Group Art Unit: 1642

**SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 AND § 1.98**

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

The documents listed on the attached Form PTO-1449 were cited in an International Search Report mailed on July 26, 2004 and directed to counterpart international applications.

This Supplemental Information Disclosure Statement is submitted:

- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - ☐ A fee is required. A check in the amount of is enclosed.
  - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of is enclosed.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for

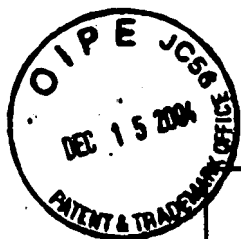
any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing 529452000122. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: September 16, 2004

Respectfully submitted,

By:   
Shantanu Basu  
Registration No. 43,318

Morrison & Foerster LLP  
755 Page Mill Road  
Palo Alto, California 94304-1018  
Telephone: (650) 813-5995  
Facsimile: (650) 494-0792



ALTERNATIVE TO PTO/SB/08a/b (08-03)

<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	10/087,192
				Filing Date	March 1, 2002
				First Named Inventor	David W. MORRIS
				Art Unit	1642 1643
Sheet	1	of	1	Examiner Name	Not Yet Assigned A. M. Harris
				Attorney Docket Number	529452000122

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
amh	1.	Database GeneCore Accession No. U78076, created on May 14, 1999, last visited on October 24, 2004. Lee et al. "Cloning of Mouse Sepiapterin Reductase Gene and Characterization of its promoter Region," Gene Sequence, <i>Biochim Biophys Acta</i> (1999). Vol 1445, No. 1 pages 165-171. MPSRCH Search Report 2004, 1 page.	
amh	2.	International Search Report mailed on November 10, 2004 for PCT patent application no. PCT/US02/41414 filed December 26, 2002, 8 pages.	

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	amharris	Date Considered	07/22/2007
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pa-941962



12-17-04

1642

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/087,192
	Filing Date	March 1, 2002
	First Named Inventor	David W. MORRIS
	Art Unit	1642
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	6 + 2 Refs.	Attorney Docket Number 529452000122

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	1. Form PTO/SB/08a/b (1 page in duplicate)
<input checked="" type="checkbox"/> Information Disclosure Statement (3 pages)	<input type="checkbox"/> CD, Number of CD(s) _____	2. References (2)
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	3. Return Receipt Postcard
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<b>Remarks</b>	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	MORRISON & FOERSTER LLP (Customer No. 25226)		
Signature			
Printed name	Shantanu Basu		
Date	December 15, 2004	Reg. No.	43,318

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV335376461US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: December 15, 2004

Signature:

(Georgina Matos)

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV335376461US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: December 15, 2004

Signature:

*Georgina Matos*  
(Georgina Matos)

**PATENT**  
Docket No. 529452000122  
Client Reference No. 23696.001



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
David W. MORRIS et al.

Serial No.: 10/087,192

Filing Date: March 1, 2002

For: NOVEL COMPOSITIONS AND  
METHODS FOR CANCER

Examiner: Not Yet Assigned

Group Art Unit: 1642

**SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of documents are submitted herewith. The Examiner is requested to make these documents of record.

Application No. 10/087,192

The documents listed on the attached Form PTO/SB/08a/b were cited in an International Search Report mailed on November 10, 2004 directed to a counterpart international or foreign application. A certification under 37 C.F.R. § 1.97(e)(1) follows:

I hereby certify that each item of information was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Supplemental Information Disclosure Statement.

This Supplemental Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - ☐ A fee is required. A check in the amount of \_\_ is enclosed.
  - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly, no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the amount of \_\_ is enclosed.

Application No. 10/087,192

☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing 529452000122. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: December 15, 2004

Respectfully submitted,

By Shantanu Basu  
Shantanu Basu  
Registration No.: 43,318  
MORRISON & FOERSTER LLP  
755 Page Mill Road  
Palo Alto, California 94304  
(650) 813-5995



Form PTO-1449

Docket Number 529452000122

Application Number 10/087,192

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

David W. MORRIS and Eric K. ENGELHARD

Filing Date March 1, 2002

Group Art Unit 1642 1643

Mailing Date April 16, 2003



## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
Amr	1.	12/18/1979	4,179,337	Davis et al.			
	2.	11/17/1981	4,301,144	Iwashita et al.			
	3.	09/04/1984	4,469,863	Ts'o et al.			
	4.	01/29/1985	4,496,689	Mitra			
	5.	02/03/1987	4,640,835	Shimizu et al.			
	6.	06/02/1987	4,670,417	Iwasaki et al.			
	7.	12/13/1988	4,791,192	Nakagawa et al.			
	8.	03/28/1989	4,816,567	Cabilly et al.			
	9.	07/23/1991	5,034,506	Summerton et al.			
	10.	06/23/1992	5,124,246	Urdea et al.			
	11.	06/01/1993	5,216,141	Benner			
	12.	08/10/1993	5,235,033	Summerton et al.			
	13.	10/25/1994	5,359,100	Urdea et al.			
	14.	11/31/1995	5,386,023	Sanghvi et al.			
	15.	08/29/1995	5,445,934	Fodor et al.			
	16.	08/13/1996	5,545,730	Urdea et al.			
	17.	08/13/1996	5,545,806	Lonberg et al.			
	18.	08/13/1996	5,545,807	Surani et al.			
	19.	10/29/1996	5,569,825	Lonberg et al.			
	20.	11/05/1996	5,571,670	Urdea et al.			
	21.	12/03/1996	5,580,731	Chang et al.			
	22.	01/07/1997	5,591,584	Chang et al.			
	23.	01/14/1997	5,594,117	Urdea et al.			
	24.	01/14/1997	5,594,118	Urdea et al.			
	25.	01/28/1997	5,597,909	Urdea et al.			
	26.	02/11/1997	5,602,240	De Mesmaeker et al.			

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EXAMINER:

Amr Morris

DATE CONSIDERED:

23 July 2007

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



1642

PTO/SB/21 (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

8 + 14  
references

Application Number

10/087,192

Filing Date

March 1, 2002

First Named Inventor

David W. MORRIS

Art Unit

1642

Examiner Name

Not Yet Assigned

Attorney Docket  
Number

529452000122

## ENCLOSURES (Check all that apply)

☐ Fee Transmittal Form

☐ Fee Attached

☐ Amendment/Reply

☐ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☒ Information Disclosure Statement (3  
pages)

☐ Certified Copy of Priority  
Document(s)

☐ Response to Missing Parts/  
Incomplete Application

☐ Response to Missing Parts  
under 37 CFR 1.52 or 1.53

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a  
Provisional Application

☐ Power of Attorney, Revocation  
Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s) \_\_\_\_\_

Remarks

☐ After Allowance Communication  
to Group

☐ Appeal Communication to Board of  
Appeals and Interferences

☐ Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s) (please  
identify below):

1. Form PTO-1449 + copy (4  
pages)
2. Fourteen (14) references
3. Return postcard

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm  
or  
Individual name

MORRISON & FOERSTER LLP  
Shantanu Basu - 43,318

25226

Signature

*Shantanu Basu*

Date

October 28, 2003

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 10/28/03

Signature: Mae Pattison (Mae Pattison)

Form PTO-1449

Docket Number 529452000122

Application Number 10/087,192

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

David W. MORRIS and Eric K. ENGELHARD

Filing Date March 1, 2002

Group Art Unit 1642

Mailing Date April 16, 2003

27.	04/29/1997	5,624,802	Urdea et al.
28.	04/29/1997	5,625,126	Lonberg et al.
29.	05/27/1997	5,633,425	Lonberg et al.
30.	06/03/1997	5,635,352	Urdea et al.
31.	06/10/1997	5,637,684	Cook et al.
32.	07/01/1997	5,644,048	Yau
33.	08/26/1997	5,661,016	Lonberg et al.
34.	10/28/1997	5,681,697	Urdea et al.
35.	10/28/1997	5,681,702	Collins et al.
36.	12/23/1997	5,700,637	Southern
37.	11/28/2000	6,153,441	Appelbaum et al.

RECEIVED

APR 29 2003

TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO	
amh	38.	09/11/1987	WO 87/05330 ✓	WIPO				
	39.	09/20/1990	WO 90/10448 ✓	WIPO				
	40.	04/18/1991	WO 91/04753 ✓	WIPO				
	41.	11/11/1993	WO 93/22443 ✓	WIPO				
	42.	09/21/1995	WO 95/25116 ✓	WIPO				
	43.	12/28/1995	WO 95/35505 ✓	WIPO				
	44.	07/31/1997	WO 97/27212 ✓	WIPO				
	45.	07/31/1997	WO 97/27213 ✓	WIPO				

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
amh	46.	Allen, J. D. and Berns, A. (1996). "Complementation Tagging of Cooperating Oncogenes in Knockout Mice," <i>Cancer Biology</i> 7:299-306.
	47.	Altschul, S. F. and Gish, W. (1996). "Local Alignment Statistics" In <i>Methods in Enzymology</i> Vol. 266, Academic Press, Inc., pp. 460-480.
	48.	Altschul, S. F. et al. (1990). "Basic Local Alignment Search Tool," <i>J. Mol. Biol.</i> 215:403-410.

EXAMINER:

amh

DATE CONSIDERED:

22 July 2007

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



PATENT  
Docket No. 529452000122

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on October 28, 2003.

*Mae Pattison*

Mae Pattison

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

David W. MORRIS and Eric K.  
ENGELHARD

Serial No.: 10/087,192

Filing Date: March 1, 2002

For: NOVEL COMPOSITIONS AND  
METHODS FOR CANCER

Examiner: Not Yet Assigned

Group Art Unit: 1642

SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 AND § 1.98

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

APR 28 2003

PATENT &amp; TRADEMARK OFFICE

Docket Number 529452000122

Application Number 10/087,192

Applicant

David W. MORRIS and Eric K. ENGELHARD

Filing Date March 1, 2002

Group Art Unit 1642 1643

Mailing Date April 16, 2003

49. Aplin, J. D. and Wriston, Jr., J. C. (1981). "Preparation, Properties, and Applications of Carbohydrate Conjugates of Proteins and Lipids," *CRC Crit. Rev. Biochem.* pp. 259-306.
50. Arenberg, D. A. et al. (2001). "The Murine CC Chemokine, 6C-Kine, Inhibits Tumor Growth and Angiogenesis in a Human Lung Cancer SCID Mouse Model," *Cancer Immunol. Immunother.* 49:587-592.
51. Ausubel, F. M. et al., eds. (1992). Short Protocols in Molecular Biology. Greene Publishing Associates and John Wiley & Sons, pp. iii-xviii (Table of Contents Only).
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53. Beaucage, S. L. and Iyer, R. P. (1993). "The Functionalization of Oligonucleotides Via Phosphoramidite Derivatives," *Tetrahedron* 49(10):1925-1963.
54. Boener, P. et al. (1991). "Production of Antigen-Specific Human Monoclonal Antibodies from in Vitro-Primed Human Splenocytes," *J. Immunol.* 147(1):86-95.
55. Bolli, M. et al. (1994). "α-Bicyclo-DNA: Synthesis, Characterization, and Pairing Properties of α-DNA-Analogues with Restricted Conformational Flexibility in the Sugar-Phosphate Backbone," Chapter 7 In Carbohydrate Modifications in Antisense Research. ACS Symposium Series 580, Shanghvi, Y. S and Cook, P. D, eds, American Chemical Society, Washington, pp. 100-117.
56. Brill, W. et al. (1989). "Synthesis of Oligodeoxynucleoside Phosphoridithioates via Thioamidites," *J. Am Chem soc.* 111:2321-2322.
57. Brower, V. (1998). "Naked DNA Vaccines Come of Age," *Nature Biotechnology* 16:1304-1305.
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60. Creighton, T. E., ed. (1983). "Posttranslational Covalent Modifications of Polypeptide Chains," Chapter 2.4 In Proteins: Structure and Molecular Properties. W. H. Freeman & Co., San Francisco pp. 78-86 (Includes Table of Contents).
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62. De Mesmaeker, A. et al. (1994). "Comparison of Rigid and Flexible Backbones in Antisense Oligonucleotides," *Bioorganic & Medicinal Chem. Lett.* 4(3):395-398.
63. De Mesmaeker, A. et al. (1994). "Novel Backbone Replacements for Oligonucleotides," Chapter 2 In Carbohydrate Modifications in Antisense Research, ACS Symposium Series 580.. Shanghvi, Y. S and Cook, P. D, eds, American Chemical Society, Washington, pp. 24-39.
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EXAMINER:

Am Harris

DATE CONSIDERED:

23 July 2002

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This Supplemental Information Disclosure Statement is submitted:

- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - ☐ A fee is required. A check in the amount of is enclosed.
  - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
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Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

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Applicant

David W. MORRIS and Eric K. ENGELHARD

Filing Date March 1, 2002

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Dated: October 28, 2003

Respectfully submitted,

By: Shantanu Basu

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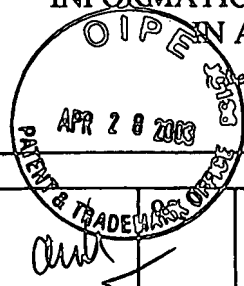
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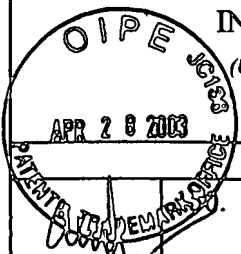
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## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

## FOREIGN PATENT DOCUMENTS

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## OTHER DOCUMENTS

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amb	2.	International Search Report mailed on December 1, 2003, for PCT patent application no. PCT/US02/33835 filed on October 22, 2002, 4 pages.

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Form PTO-1449

Docket Number 529452000122

Application Number 10/087,192

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

David W. MORRIS and Eric K. ENGELHARD

Filing Date March 1, 2002

Group Art Unit 1642

1643

Mailing Date October 28, 2003

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
amr	1.	01/30/2003	WO 03/008583	WIPO			

## OTHER DOCUMENTS

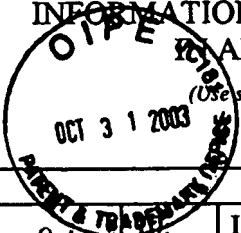
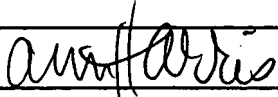
(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
NO REF. SUPPLIED	2.	Berns, A. (Date unknown). "Table A: Retroviral Insertion Sites in EμMyc and EμMyc; Pim1 <sup>-/-</sup> Pim2 <sup>-/-</sup> Lymphomas", published in the advance online issue of <i>Nature Genetics</i> , 13 pages total.
1	3.	Berns, A. (Date unknown). "Web Fig A," describing PIM protein actions, published in the advance online issue of the <i>Nature Genetics</i> , 1 page total.
	4.	Campbell, A. M. (1984). "The Production and Characterization of Rodent and Human Hybridomas," Chapter 1 In <i>Monoclonal Antibody Technology</i> . Burdon, R. H and van Knippenberg, P. H., eds, Elsevier, pp.1-32.
	5.	Database GenCore on STN, Accession NO. U52152, Schoots et al. "Cloning of Four Inwardly Rectifying Potassium Channels from Human," Direction Submission March 25, 1996 Amino Acid and Nucleic acid Sequences
	6.	Database GenCore on STN, on Accession Number AF275818, Yang et al. 23 July 2000. "A Family of Novel PR- Domain (PRDM) Genes as Candidate Tumor Suppressors"
	7.	Hunter, W. M. and Greenwood, F. C. (1962). "Preparation of Iodine-131 Labelled Human Growth Hormone of High Specific Activity," <i>Nature</i> 194:495-496.
	8.	Jiang, G-L et al. (2000). "The Yin-Yang of PR-Domain Family Genes in Tumorigenesis," <i>Histol. Histopathol.</i> 15(1):109-117.
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Form PTO-1449		Docket Number 529452000122	Application Number 10/087,192
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary) 		Applicant David W. MORRIS and Eric K. ENGELHARD	
		Filing Date March 1, 2002	Group Art Unit 1642 / 1043
		Mailing Date October 28, 2003	
NO REF. SUPPLIED		Lohuizen, V. (Date unknown). "Web Table B," describing Genomic positions of insertion site sequences analyzed against the Ensemble Mouse Genome Database (February 2002 freeze), published in the advance online issue of <i>Nature Genetics</i> , 12 pages total.	
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	13.	Schoots, O. et al. (1999). "Co-Expression of Human Kir3 Subunits Can Yield Channels with Different Functional Properties," <i>Cell Signal</i> 11(12):871-883.	
V	14.	Skinner, R. H. et al. (1991). "Use of the Glu-Glu-Phe C-Terminal Epitope for Rapid Purification of the Catalytic Domain of Normal and Mutant <i>Ras</i> GTPase-Activating Proteins," <i>J. Biol. Chem.</i> 266(22):14163-14166.	
EXAMINER: 		DATE CONSIDERED: 23 July 2007	
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